

**Polycomb Protein SUZ12 Rabbit mAb**  
Catalog # AP77587**Specification****Polycomb Protein SUZ12 Rabbit mAb - Product Information**

Application	WB
Primary Accession	<a href="#">Q15022</a>
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	83055

**Polycomb Protein SUZ12 Rabbit mAb - Additional Information**

Gene ID 23512

**Other Names**  
SUZ12**Dilution**  
WB~~1/500-1/1000**Format**  
Liquid**Polycomb Protein SUZ12 Rabbit mAb - Protein Information****Name** SUZ12**Synonyms** CHET9, JJAZ1, KIAA0160**Function**

Polycomb group (PcG) protein. Component of the PRC2 complex, which methylates 'Lys-9' (H3K9me) and 'Lys-27' (H3K27me) of histone H3, leading to transcriptional repression of the affected target gene (PubMed: [15225548](http://www.uniprot.org/citations/15225548), PubMed: [15231737](http://www.uniprot.org/citations/15231737), PubMed: [15385962](http://www.uniprot.org/citations/15385962), PubMed: [16618801](http://www.uniprot.org/citations/16618801), PubMed: [17344414](http://www.uniprot.org/citations/17344414), PubMed: [18285464](http://www.uniprot.org/citations/18285464), PubMed: [28229514](http://www.uniprot.org/citations/28229514), PubMed: [29499137](http://www.uniprot.org/citations/29499137), PubMed: [31959557](http://www.uniprot.org/citations/31959557)). The PRC2 complex may also serve as a recruiting platform for DNA methyltransferases, thereby linking two epigenetic repression systems (PubMed: [12351676](http://www.uniprot.org/citations/12351676), PubMed: [12435631](http://www.uniprot.org/citations/12435631), PubMed: [15099518](http://www.uniprot.org/citations/15099518), PubMed: [15099518](http://www.uniprot.org/citations/15099518)).

<http://www.uniprot.org/citations/15225548> target="\_blank">15225548</a>, PubMed:<a href="http://www.uniprot.org/citations/15385962" target="\_blank">15385962</a>, PubMed:<a href="http://www.uniprot.org/citations/15684044" target="\_blank">15684044</a>, PubMed:<a href="http://www.uniprot.org/citations/16431907" target="\_blank">16431907</a>, PubMed:<a href="http://www.uniprot.org/citations/18086877" target="\_blank">18086877</a>, PubMed:<a href="http://www.uniprot.org/citations/18285464" target="\_blank">18285464</a>). Genes repressed by the PRC2 complex include HOXC8, HOXA9, MYT1 and CDKN2A (PubMed:<a href="http://www.uniprot.org/citations/15231737" target="\_blank">15231737</a>, PubMed:<a href="http://www.uniprot.org/citations/16618801" target="\_blank">16618801</a>, PubMed:<a href="http://www.uniprot.org/citations/17200670" target="\_blank">17200670</a>, PubMed:<a href="http://www.uniprot.org/citations/31959557" target="\_blank">31959557</a>).

### Cellular Location

Nucleus Note=Localizes to chromatin as part of the PRC2 complex

### Tissue Location

Overexpressed in breast and colon cancer.

## Polycomb Protein SUZ12 Rabbit mAb - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

## Polycomb Protein SUZ12 Rabbit mAb - Images

